

SYSTEM CONTAINING AN ANAMORPHIC OPTICAL SYSTEM
WITH WINDOW, OPTICAL CORRECTOR, AND SENSOR

ABSTRACT OF THE DISCLOSURE

5 A system includes an optical system having a curved window with
anamorphic symmetry about a first plane and a second plane perpendicular to the
first plane. The window may be, for example, in a flight vehicle such as a missile.
An optical corrector is adjacent to a curved inner surface of the window and has
an optical corrector shape responsive to a shape of the window. The optical
corrector has anamorphic symmetry about the first plane and the second plane.
10 A sensor is disposed to receive an optical ray passing sequentially through the
window and the optical corrector.